

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant: Mark Duhon et al.

Attorney Docket No: 22.1397

Serial No: 09/871,240

Art Unit: 3672

Filed: May 30, 2001

Examiner:

For: EXPANDABLE ELEMENTS

**Box PATENT APPLICATION**  
**Assistant Commissioner for Patents**  
**Washington, DC 20231**

**DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION**

☐ Declaration Submitted with Initial Filing ☒ Declaration Submitted after Initial Filing

**As a below named inventor, I hereby declare that:**

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**EXPANDABLE ELEMENTS**

**CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.8 & 1.10**

I hereby certify that this document and its attachments are being sent on the date indicated below to the Assistant Commissioner for Patents, Washington, DC 20231 by:

- ☐ facsimile to number \_\_\_\_\_  
☐ first class mail.  
☒ Express Mail: Post Office to Addressee No. EL905612168US

30 NOVEMBER 2001  
Date

Susan J. Stewart  
SUSAN J. STEWART

the specification of which

☐ is attached hereto.

☒ was filed on May 30, 2001 as United States Application Number 09/871,240; or PCT International Application Number \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code § 119 (a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365 (a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Numbers	Country	Foreign Filing Date	Priority Not Claimed	Certified Copy Attached	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date
60/208,671	June 1, 2000

I hereby claim the benefit under Title 35, United States Code § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

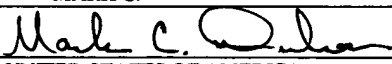
U.S. Parent Application Numbers	PCT Parent Number	Parent Filing Date	Parent Patent Number

Direct all correspondence to:

Patent Counsel  
Schlumberger Reservoir Completions  
Schlumberger Technology Corporation  
P.O. Box 1590  
Rosharon, Texas 77583

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements


were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

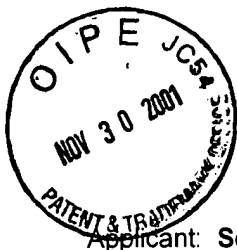
<b>Name of Sole or First Inventor</b>					<input type="checkbox"/> A petition has been filed for this unsigned inventor.		
Given Name (first and middle [if any])					Family Name or Surname		
MARK C.					DUHON		
Inventor's Signature						Date	Nov 7 <sup>th</sup> , 2001
Citizenship	UNITED STATES OF AMERICA						
Residence Address	2303 Clawson Falls Lane						
Residence: City	Sugar Land	State	TX	ZIP	77479	Country	US
Post Office Address	2303 Clawson Falls Lane						
City	Sugar Land	State	TX	ZIP	77479	Country	US

<b>Name of Additional Inventor</b>					<input type="checkbox"/> A petition has been filed for this unsigned inventor.		
Given Name (first and middle [if any])					Family Name or Surname		
SIMON L.					FARRANT		
Inventor's Signature	<i>Simon L. Farrant</i>				Date	2 Nov 01	
Citizenship	UNITED KINGDOM						
Residence Address	1716C Wroxton Court						
Residence: City	Houston	State	TX	ZIP	77005	Country	US
Post Office Address	1716C Wroxton Court						
City	Houston	State	TX	ZIP	77005	Country	US

<b>Name of Additional Inventor</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor.					
Given Name (first and middle [if any])				Family Name or Surname			
MANISH				KOTHARI			
Inventor's Signature	<i>Manish Kothari</i>					Date	11/7/01
Citizenship	INDIA						
Residence Address	2759 South Norfolk Street, Apt. 205						
Residence: City	San Mateo	State	CA	ZIP	94403	Country	US
Post Office Address	2759 South Norfolk Street, Apt. 205						
City	San Mateo	State	CA	ZIP	94403	Country	US

10061-0421-860

<b>Name of Additional Inventor</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor.					
Given Name (first and middle [if any])				Family Name or Surname			
JOHN M.				CORBEN			
Inventor's Signature						Date	15/11/01
Citizenship	UNITED KINGDOM						
Residence Address	1 rue Becquerel						
Residence: City	Clamart	State		ZIP	92142	Country	FRANCE
Post Office Address	1 rue Becquerel						
City	Clamart	State		ZIP	92142	Country	FRANCE



## STATEMENT UNDER 37 CFR 3.73(b)

Applicant: **Schlumberger Technology Corporation**

Application No.: 09/871,240

Docket No.: 22.1397

Entitled: **EXPANDABLE ELEMENTS**

Schlumberger Technology Corporation, a corporation, states that it is the assignee of the entire right, title, and interest in the patent application identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel: \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s) of the patent application identified above to current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☒ Copies of assignments or other documents in the chain of title are attached.

The undersigned is empowered to sign this statement on behalf of the assignee

Date: 11.30.01

Signature: \_\_\_\_\_

  
Joe Goss, Vice President



## ASSIGNMENT

WHEREAS, We, Mark C. Duhon, a citizen of the United States of America, residing at 2303 Clawson Falls, Sugar Land, Texas 77479, USA; Simon L. Farrant, a citizen of the United Kingdom, residing at 1716C Wroxton Court, Houston, Texas 77005, USA; Manish Kothari, a citizen of India, residing at 2759 S. Norfolk Street, Apt 205, San Mateo, California 94403, USA; and John M. Corben, a citizen of the United Kingdom, residing at 1 rue Becquerel, Clamart 92142, FRANCE, hereinafter referred to as the "Inventors", have made inventions and improvements in: EXPANDABLE ELEMENTS which are the subject of a United States Provisional Patent Application filed on June 1, 2000 under Serial Number 60/208,671; and an application for Letters Patent of the United States of America, filed with the United States Patent and Trademark Office on May 30, 2001 under Serial Number 09/871,240 (Docket No. 22.1397), hereinafter referred to as the "Invention(s)".

AND WHEREAS, SCHLUMBERGER TECHNOLOGY CORPORATION, hereinafter referred to as "said COMPANY", a corporation duly organized, incorporated and existing under the laws of the State of Texas, and having a place of business at 300 Schlumberger, Sugar Land, Texas 77478 is desirous of acquiring or confirming its acquisition of the entire right, title and interest in and to the Invention(s), and in and to said application, and in and to any and all patents, both of the United States and of all foreign countries, that may be obtained therefore.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that we the Inventors, for good and valuable considerations, the receipt and sufficiency of which hereby acknowledge, have sold, assigned, transferred and conveyed, and by this assignment do sell, assign, transfer and convey, unto said COMPANY, its successors and assigns, the entire right, title and interest throughout the world, in and to the Invention(s), described or set forth in said application, in any form or embodiment thereof, and in and to said application, and in and to any applications filed in any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and to any confirmation, divisional, continuation, continuation-in-part, or substitute application which may be filed on the Invention(s) in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon the Invention(s).

TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on the Invention(s).

AND we do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said COMPANY, its successors and assigns, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said COMPANY, its successors and assigns.

AND we do hereby covenant and warrant that we have full right to convey the entire right, title and interest herein assigned free and clear of all licenses, encumbrances and liens whatsoever, and that we have not executed and will not execute any instruments in conflict herewith.

AND we, for the conditions aforesaid, do hereby covenant and agree to and with the said COMPANY, its successors and assigns, that we, our executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful oaths, and make, execute and deliver any and all other instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents, which in the opinion of counsel for said COMPANY, its successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure and vest in said COMPANY, its successors and assigns, the entire right, title and interest in and to the Invention(s), and any related application or applications, patents, rights, titles, benefits, privileges, and advantages hereby sold, assigned, confirmed, transferred and conveyed.

IN WITNESS WHEREOF, I, Mark C. Duhon have hereunto set my hand and seal this  
November 7<sup>th</sup>, 2001.

Mark C. Duhon  
Mark C. Duhon

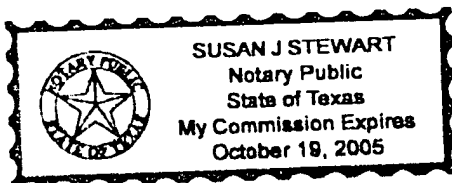
STATE OF TEXAS       §  
                                     §  
COUNTY OF BRAZORIA   §

BEFORE ME, this NOVEMBER 7, 2001 personally appeared Mark C. Duhon, to me known to be the person who is described in and who executed the foregoing assignment instrument, and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

Susan J. Stewart  
Notary Public in and for the State of Texas

SEAL

My Commission Expires: OCTOBER 19, 2005



IN WITNESS WHEREOF, I, Simon L. Farrant have hereunto set my hand and seal this

2 Nov, 2001.

Simon L. Farrant  
Simon L. Farrant

STATE OF TEXAS §

§

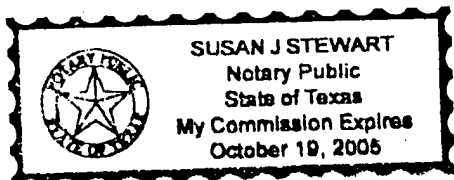
COUNTY OF BRAZORIA §

BEFORE ME, this NOVEMBER 2, 2001 personally appeared Simon L. Farrant, to me known to be the person who is described in and who executed the foregoing assignment instrument, and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

Susan J. Stewart  
Notary Public in and for the State of Texas

SEAL

My Commission Expires: OCTOBER 19, 2005



IN WITNESS WHEREOF, I, Manish Kothari have hereunto set my hand and seal this

November 7, 2001.

Manish Kothari  
Manish Kothari

WITNESSED:

BE IT KNOWN, that Manish Kothari, is to me known to be the individual described in the foregoing assignment, that on this 7 day of November, 2001, I was personally present and did see him sign and execute the foregoing assignment and that he did acknowledge to me that he executed the same as his free act and deed for the uses and purposes therein set forth.

Clarence Chui  
Witness

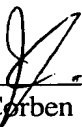
**Clarence Chui**  
Director, Array Engineering  
Iridigm Display Corporation  
2415 Third Street, Suite 235  
San Francisco, CA 94107

Brian Gally  
Witness

**Brian Gally**  
Senior Characterization Engineer  
Iridigm Display Corporation  
2415 Third Street, Suite 235  
San Francisco, CA 94107

IN WITNESS WHEREOF, I, John M. Corben have hereunto set my hand and seal this

15 November, 2001.

  
\_\_\_\_\_  
John M. Corben

WITNESSED:

BE IT KNOWN, that John M. Corben, is to me known to be the individual described in the foregoing assignment, that on this 15<sup>th</sup> day of November, 2001, I was personally present and did see him sign and execute the foregoing assignment and that he did acknowledge to me that he executed the same as his free act and deed for the uses and purposes therein set forth.

  
\_\_\_\_\_  
Witness C. AUBRY

Services Techniques  
Schlumberger  
1, RUE HENRI BECQUEREL  
92142 CLAMART (FRANCE)  
Post Office Address

  
\_\_\_\_\_  
Witness S. BERR

SERVICES TECHNIQUES  
SCHLUMBERGER  
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92142 CLAMART (FRANCE)  
Post Office Address